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network (surveillance OR probe) extrapolate c

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[PDF] ► An empirical evaluation of client-side server selection algorithms

SG Dykes, KA Robbins, CL Jeffery - IEEE INFOCOM, 2000 - Citeseer

... cprobe is unsuitable as a dynamic **probe** because of its ... both in terms of time and **network** traffic. ... request latency, and do not necessarily **extrapolate** to total ...

Cited by 121 - Related articles - View as HTML - BL Direct - All 17 versions

[PDF] ► Millimeter-wave on-wafer waveform and **network** measurements using active probes

RY Yu, M Reddy, J Pusi, ST Allen, M Case, ... - IEEE Transactions on Microwave Theory and ..., 1995 - ece.ucsb.edu

... cannot be determined with great confidence from **extrapolation** of measurements ... pre-calibration) bandwidth of the active **probe** for **network** measurements, we ...

Cited by 25 - Related articles - View as HTML - BL Direct - All 9 versions

System to facilitate efficient utilization of **network** resources in a computer **network**

FS Caccavale - US Patent 5,459,837, 1995 - Google Patents

... 17, 1995 [54] SYSTEM TO FACILITATE EFFICIENT UTILIZATION OF **NETWORK** RESOURCES IN A COMPUTER **NETWORK** [75] Inventor: Frank S. Caccavale, Holliston, Mass. ...

Cited by 52 - Related articles - All 2 versions

An artificial neural **network** as a model for chaotic behavior of a three-phase fluidized bed

K Otawara, LT Fan, A Tsutsumi, T Yano, K ... - Chaos, Solitons and Fractals, 2002 - Elsevier

... inspired by a biological neural **network**, is capable ... to their passages through the optical transmittance **probe**. ... the ANNs are incapable of **extrapolating** data non ...

Cited by 19 - Related articles - All 3 versions

[PDF] ► Intelligent **surveillance** and calibration verification in power systems

RE Uhrig, DJ Wrest, JW Hines - ... Conference on Intelligent System Application to Power ..., 1997 - Citeseer

... is equally useful for sensor **surveillance** and calibration ... of the other parameters in the **network**. ... forward networks generally have poor **extrapolation** properties ...

Cited by 7 - Related articles - View as HTML - All 3 versions

[PDF] ► An adaptive **probe**-based technique to optimize join queries in distributed Internet ...

L Khan, D Mcleod, C Shahabi - Journal of Database Management, 2001 - Citeseer

... on the number of tuples sampled by the **probe** queries and ... the **network** dynamics and it is hard to maintain updated ... 0 is the cost to startup a new **connection** and ...

Cited by 9 - Related articles - View as HTML - BL Direct - All 53 versions

... measurements on an ATM-based metropolitan area **network**: OASICE case study

H Tobiet, P Lorenz - Telecommunication Systems, 1999 - Springer

... tele-documentation, tele-management and tele-**surveillance** of property ... ATM/MPOA **probe** units distributed ... displaying the live video, • an ATM **network** board (ATML ...

Cited by 2 - Related articles - BL Direct - All 4 versions

Visual **Probe** Mark Inspection, Using Hardware Implementation of Artificial Neural Networks,

...

G De Tremiolles, P Tannhof, B Plougonven, ... - Lecture Notes in Computer Science, 1997 - Springer

... The used offset is a pseudo-linear **extrapolation** of the ... kinds of chips and on various **probe** defects has ... If the learning process of the neural **network** came out ...

Cited by 2 - Related articles - BL Direct - All 3 versions

[PDF] ► [Grounding of heatpipe/heatspreader and heatsink structures for EMI mitigation](#)

C Wang, JL Drewniak, JL Knighten, D Wang, ... - IEEE International Symposium on Electromagnetic ..., 2001 - scholarsmine.mst.edu

... I&II was measured with the **network** analyzer. ... the resistor connected to the monopole sensing **probe**, and V ... at 3 m was calculated using an **extrapolation** with the ...

Cited by 3 - Related articles - View as HTML - All 2 versions

[Integrated \*\*network\*\* for monitoring remote objects](#)

DS Fernandez, IH Fernandez - US Patent App. 09/823,508, 2001 - Google Patents

... Internet provides selectable **connection** between system controller ... relates to remote **surveillance** and communications ... fixed and mobile **network** electronics and ...

Cited by 8 - Related articles - All 5 versions

[... of vision and decision-making in an autonomous airborne vehicle for traffic \*\*surveillance\*\*-](#)

► [psu.edu](#) [PDF]

S Coradeschi, L Karlsson, K Nordberg - Lecture notes in computer science, 1998 - Springer

... car and of the surrounding road **network** to perform ... making in an autonomous UAV for traffic **surveillance**. ... Uncertainty due to **extrapolation** of data is handled by ...

Cited by 8 - Related articles - BL Direct - All 12 versions

[Secure and seamless wireless public domain wide area \*\*network\*\* and method of using the ...](#)

AC Spearman - US Patent App. 10/223,255, 2002 - Google Patents

... private LANs and the need to **extrapolate** to wide ... to a public domain wide area **network** utilizing the ... a set of management frames including **Probe** Request frames ...

All 2 versions

[... -destructive evaluation in weld zone of austenitic stainless steel 304 using neural \*\*network\*\*-](#)

...

W Yi, IS Yun - Journal of Mechanical Science and Technology, 1998 - Springer

... (4) against the **connection** strength z ... The neural **network** learns using a back-propagation learning algorithm ... as samples: the beam distance from the **probe** to a ...

Cited by 1 - Related articles - All 2 versions

[PDF] ► [UNA-A measurement framework for Unified \*\*Network\*\* Awareness](#)

AK Biesheuvel - Cluster Computing, 1999 - tribler.org

... to use a zero-th order **extrapolation** algorithm that ... The reported **network** latency is calculated from the delay between sending the TCP **probe** and receiving ...

Related articles - View as HTML - All 7 versions

[PDF] ► [A dynamic communication model for loosely coupled hybrid tracking systems](#)

TC Schardt, C Yuan - Proceedings of the Fifth International Conference on ..., 2002 - mitglied.lycos.de

... other applications, such as **surveillance**, visualization and ... Each **network** node (data clients as well as ... synchronization we use an **extrapolation** mechanism, based ...

Cited by 2 - Related articles - View as HTML - All 5 versions

[Extending the response range of an optical fibre pH sensor using an artificial neural \*\*network\*\*](#)

MN Taib, R Andres, R Narayanaswamy - Analytica Chimica Acta, 1996 - Elsevier

... The fibreoptic **probe** head was then inserted into ... The **network** prediction capability was evaluated in two ... within the training range, and **extrapolation** of totally ...

[Cited by 41](#) - [Related articles](#) - [All 2 versions](#)

### **A probe-based technique to optimize join queries in distributed internet databases-** [►psu.edu](#)

[PDF]

C Shahabi, L Khan, D McLeod - Knowledge and information systems, 2000 - Springer

... **Probe-Based Optimization Technique** ... In addition, **network** bandwidth between two sites varies significantly ... C l2r and C r2l are the linear **extrapolation** of the ...

[Cited by 10](#) - [Related articles](#) - [All 10 versions](#)

### [PDF] [► Calibrating electro-optic sampling systems](#)

DF Williams, PD Hale, TS Clement, JM ... - IEEE MTT S INT MICROWAVE SYMPOSIUM, 2001 - boulder.nist.gov

... attenuation and distortion of the **probe** head, and ... Marks, "A Multiline Method of **Network Analyzer Calibration** ... We normalized the magnitudes to **extrapolate** to 0 ...

[Cited by 24](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 8 versions](#)

### **Network management: state of the art-** [►psu.edu](#) [PDF]

R Boutaba, J Xiao - Communication systems: the state of the art: IFIP 17th ... , 2002 - books.google.com

... of **network** management systems to **extrapolate network** management information ... The task of a **probe** is to monitor the ... the IP sector is that **network** management data ...

[Cited by 22](#) - [Related articles](#) - [All 11 versions](#)

### [PDF] [► Estimating \*\*Network\*\* Traffic for TCP/IP Distributed Application Workload Modeling](#)

S Nokes - CMG-CONFERENCE-, 1998 - cmg.org

... represent sterile and primitive **extrapolation**, whereas stochastic ... Figure 4 illustrates BMC's **network** response time analyzer, a software **probe** that provides a ...

[Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 3 versions](#)

### [PDF] [► On the cost structure of future wideband wireless access](#)

J Zander - IEEE Vehicular Technology conference, 1997 - Citeseer

... it is not obvious that we may **extrapolate** the success ... In this paper we will **probe** a little deeper ... Consider a wireless **network** covering a certain service area ...

[Cited by 53](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 4 versions](#)

### **Large memory storage and retrieval (LAMSTAR) network**

D Graupe - US Patent 5,920,852, 1999 - Google Patents

... 6,1999 [54] LARGE MEMORY STORAGE AND RETRIEVAL (LAMSTAR) **NETWORK** [75] Inventor: Daniel Graupe, Highland Park, 111. ... 1 LAMSTAR **Network** Diagram Page 3. ...

[Cited by 10](#) - [Related articles](#) - [All 2 versions](#)

### **Method and system for traffic monitoring in a packet communication network**

R Rajan, R Guerin - US Patent App. 10/126,310, 2002 - Google Patents

... of failures is containable, inasmuch as **connections** not traversing ... ping and traceroute, which allow a **network** administrator to **probe** the **network** ...

[Related articles](#) - [All 4 versions](#)

### **The Case for Informed Transport Protocols-** [►psu.edu](#) [PDF]

SSNCT Anderson - The Seventh Workshop on Hot Topics in Operating ... , 1999 - doi.ieeeecomputersociety.org

... or recovering from a loss, TCP continues to **probe** the ... In Figure 2 we artificially **extrapolate** the impact of such ... An Empirical Model of HTTP **Network** Traffic. ...

[Related articles](#) - [All 20 versions](#)

### [PDF] [► Fibre optic sensor \*\*network\*\* for the monitoring of civil engineering structures](#)

D Inaudi - Swiss Federal Institute of Technology, Lausanne, 1997 - smartec.ch

FIBER OPTIC SENSOR **NETWORK** FOR ... The SOFO measurement system (French acronym for

**Surveillance** d'Ouvrages par Fibre Optique or Structural Monitoring by Optical ...

Cited by 27 - Related articles - View as HTML - All 2 versions

**[PDF] ► Measurement of the characteristics of high-Q ceramic capacitors**

M Ingalls, G Kent - IEEE Transactions on Components Hybrids and ..., 1987 - dilabs.com

... be related to failure of the **extrapolation** rule of ... possible in a noninvasive way to **probe** the **network** ... also be calculated for a known **network** of interconnected R ...

Cited by 2 - Related articles - View as HTML - All 4 versions

**[PDF] ► Netspa: A network security planning architecture**

ML Artz, 2002 - dspace.mit.edu

... exploits allow an attack to be executed from a remote location, only necessitating a **network connection** between the attacker and the vulnerable software's port ...

Cited by 18 - Related articles - All 3 versions

**[PDF] ► Curvilinear component analysis: A self-organizing neural network for nonlinear mapping of ...**

P Demartines, J Héroult - IEEE Transactions on Neural Networks, 1997 - Citeseer

... or with "counter-propagation **network**" ([11]), this ... is capable of accurate interpolation and **extrapolation**. ... frameworks of process **surveillance**, sensor fusion ...

Cited by 391 - Related articles - View as HTML - BL Direct - All 11 versions

**[PDF] ► Mobility management in wireless ATM networks**

A Acharya, J Li, B Rajagopalan, D ... - IEEE Communications Magazine, 1997 - Citeseer

... tion); therefore, its impact on the **network** bandwidth utilization ... One method is to iteratively **probe** each switch on the ... the QoS of the original **connection** path ...

Cited by 118 - Related articles - View as HTML - BL Direct - All 8 versions

**Generic approach to LAN modeling**

P Kavi, VS Frost, KS Shanmugan - Proceedings of the 23rd conference on Winter ..., 1991 - portal.acm.org

... Further, these results are often difficult to **extrapolate**. ... Client Figure 1-4 Five Node FDDI **Network** ... internpt **Connection** n + ——— A \* LLB ?r\*m we ...

Related articles - All 3 versions

**[PDF] ► Performance analysis of an RSVP-capable router**

T Chiueh, A Neogi, P Stirpe - IEEE Network, 1999 - Citeseer

... for the corresponding **connection**, and a parameter ... We have to use **network** sniers to accurately measure packet ... probes are daisy chained and the rst **probe** in the ...

Cited by 18 - Related articles - View as HTML - All 10 versions

**... modelling and/or controlling a production process using a neural network and controller for**

...

L Spaanenburgh, JAG Nijhuis, WJ Jansen, 1999 - freepatentsonline.com

... has not been imposed and the neural **network** can learn ... hand an advantage as it allows to **extrapolate** beyond the ... depends on the angle between the **probe** and the ...

Related articles - All 2 versions

**[CITATION] On a Connection between Multilayer Neural Networks and Volterra Series**

P Laxminarayana, DC Reddy - IEEE TRANSACTIONS ON SIGNAL PROCESSING, 1996

**Network performance effects of HTTP/1.1, CSS1, and PNG- ► psu.edu [PDF]**

HF Nielsen, J Gettys, A Baird-Smith, E Prud' ... - Proceedings of the ACM SIGCOMM'97 conference on ..., 1997 - portal.acm.org

... a TCP **connection** is first opened, TCP employs an algorithm known as slow start [

111. Slow start uses the first several data packets to **probe** the **network** to ...

[Cited by 274](#) - [Related articles](#) - [BL Direct](#) - [All 37 versions](#)

### Applications Analysis: Principles and Examples from Various Distributed Computer ...

D Bateman, D Evans, D Jensen, S Nelson, 1999 - [osti.gov](#)

... Various methods can be used to accomplish this, including low-level tests like TTCP, observation using a **network probe** like the Sniffer, etc. ...

[View as HTML](#) - [All 3 versions](#)

### How slow is one gigabit per second?- [psu.edu](#) [PDF]

C Partridge - ACM SIGCOMM Computer Communication Review, 1989 - [portal.acm.org](#)

... The method used is to **extrapolate** from typical performance expected ... datagram architectures, the approved method is to **probe** the **network** using exponentially ...

[Cited by 29](#) - [Related articles](#) - [All 20 versions](#)

### [PDF] [► Compact traveling-wave physical simulator for human ESD](#)

LM MacLeod, KG Balmain - IEEE Transactions on Electromagnetic Compatibility, 1997 - [waves.toronto.edu](#)

... for by loading the square grid of wires with a resistor-capacitor **network**. ... **Extrapolation** of the measured ... and the human test subject, for the loop **probe** at 2, 10 ...

[Cited by 10](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 6 versions](#)

### [PDF] [► CCA:\ Curvilinear Component Analysis](#)

P Demartines, J Herault - Proc. 15th Workshop GRETSI, 1995 - [Citeseer](#)

... graphes, l'analyse et la **surveillance** de procedes ... leading to excellent interpolation and **extrapolation** properties, which ... Figure 1: VQP **network** structure and an ...

[Cited by 16](#) - [Related articles](#) - [View as HTML](#) - [All 7 versions](#)

### Using complex permittivity and artificial neural networks for contaminant prediction

JB Lindsay - Journal of Environmental Engineering, 2002 - [link.aip.org](#)

... networks) to allow for interpolation and **extrapolation** of cationic ... required to train a neural **network** capable of ... day be incorporated into a **probe**, which could ...

[Cited by 6](#) - [Related articles](#) - [BL Direct](#) - [All 8 versions](#)

### Apparatus and method for resistive detection and waveform analysis of interconenction ...

KC Woo - US Patent 5,266,901, 1993 - [Google Patents](#)

... R, the leakage resistance between the nets, and **connection network**. ... on a short tions of a **network**, or a ... The full cluster **probe** method detects the combined ...

[Cited by 15](#) - [Related articles](#) - [All 4 versions](#)

### [PDF] [► Automated and cost effective maintenance tools](#)

JM Hawkins, LO Berling, NJ Whitaker - INTELEC, 1995 - [telepower.com.au](#)

... However, **extrapolating** from trends in other areas of ... a different perspective and approach to **surveillance** of physical ... of battery banks in the **network** are based ...

[Cited by 5](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 2 versions](#)

### [PDF] [► Automatic generation of multipath algorithms in the cellular nonlinear network](#)

VM Preciado, D Guinea, R Montufar- ... - Applications of Artificial Neural Networks in Image ..., 2001 - [Citeseer](#)

... As the **network** will be devoted to this kind of ... new nodes we the former probabilities and **probe** in each ... has been usually focused like an **extrapolation** of the ...

[Cited by 3](#) - [Related articles](#) - [View as HTML](#) - [All 8 versions](#)

### A neural **network** approach for the detection of the locking position in RFX- [psu.edu](#) [PDF]

O Barana, G Manduchi, A Serri, P Sonato - Fusion Engineering and Design, 2001 - [Elsevier](#)

... A neural **network** approach for the detection of the locking ... As the external **probe** positioned at  $\pm 0^\circ$  is broken, the ...  $ij$  is the weight of the **connection** from unit ...

[Cited by 3](#) - [Related articles](#) - [BL Direct](#) - [All 5 versions](#)

[PDF] [► TCP-friendly congestion control for real-time streaming applications](#)

D Bansal, H Balakrishnan - Proc. of Infocom, 2001 - Citeseer

... A small value for implies that the algorithm is more aggressive in probing for additional H For a **network** with **B connections** each with a share **M** of a ...

[Cited by 91](#) - [Related articles](#) - [View as HTML](#) - [All 23 versions](#)

[Rigidity transition in chalcogenide glasses](#)

P Boolchand, XW Feng, D Selvanathan, WJ ... - Rigidity Theory and Applications, 1999 - Springer

... atoms in the backbone, and serve as a **probe** of their ... units) of the **network** backbone are the finest at the ... even as **x** increases to does not **extrapolate** to zero ...

[Cited by 5](#) - [Related articles](#) - [All 2 versions](#)

[BOOK] [Network management and control](#)

IT Frisch, M Malek, M Malek-Zavarei, SS ..., 1994 - books.google.com

... the future we tried to **extrapolate** from the ... Session IV on **Network** Management Protocols contained ... OSI, semantic-modeling tools, and **connection** establishment in ...

[Cited by 2](#) - [Related articles](#) - [All 2 versions](#)

[Random access of nanodevices- ► 202.127.1.11 \[PDF\]](#)

ML Cohen, SG Louie, A Zettl - Solid State Communications, 2000 - Elsevier

... One possible strategy is to **probe** the nanodevice matrix ... thermal conductivity [13] of the carbon **network** will give ... short-dashed line is an **extrapolation** of the ...

[Cited by 8](#) - [Related articles](#) - [BL Direct](#) - [All 8 versions](#)

[PDF] [► End-to-End QoS provisioning through resource adaptation](#)

DG Waddington, D Hutchison - HIGH PERFORMANCE NETWORKING, 1998 - Citeseer

... Because each hop in the **connection** continuously change ... algorithms to be used to **extrapolate** future resource ... examples include frame rate and **network** bandwidth. ...

[Cited by 11](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 2 versions](#)

[Endpoint admission control: Architectural issues and performance- ► ktupm.edu.sa \[PDF\]](#)

L Breslau, EW Knightly, S Shenker, I Stoica, ... - Proceedings of the conference on Applications, ..., 2000 - portal.acm.org

... In these designs, the end host 1 probes the **network** by sending **probe** packets at the data rate it would like to reserve and recording the resulting level of ...

[Cited by 374](#) - [Related articles](#) - [BL Direct](#) - [All 8 versions](#)

[Investigating QoS support for traffic mixes with the MediaWorm router- ► psu.edu \[PDF\]](#)

KH Yum, A Vaidya, CR Das, A ... - High-Performance Computer Architecture (HPCA-6), 2000 - doi.ieeecomputersociety.org

... design a larger router and a larger **network** using our ... sage wait until the header (or **probe**) reserves the ... Once such a path/**connection** has been established, an ...

[Cited by 23](#) - [Related articles](#) - [All 8 versions](#)

[System for determining the quality of transmission of incoming digital message signals](#)

M Sant'agostino, 1977 - freepatentsonline.com

... type of system enables the continuous **surveillance** of a ... Digital Receivers, based on the **Extrapolation** of Error ... with a main decision **network** delivering these ...

[A survey of energy efficient network protocols for wireless networks- ► psu.edu \[PDF\]](#)

CE Jones, KM Sivalingam, P Agrawal, JC ... - Wireless Networks, 2001 - Springer

... and FEC error control methods waste **network** band- width ... The **probe** packet contains only a header with little ... the received pow- ers and **extrapolating** the values ...

[Cited by 491](#) - [Related articles](#) - [BL Direct](#) - [All 28 versions](#)

## **Network** Planning Tool for Ka-Band Terrestrial Wireless and Broadband LEO Networks-

► [umd.edu](#) (PDF)

SS Tatake, 1999 - [lib.umd.edu](#)

... cameras do not need to be connected to the **surveillance** towers via ... 6. Should it be a homogeneous **network** or a hybrid ... **connection** of more than one technologies? ...

[Cited by 1](#) - [Related articles](#) - [View as HTML](#) - [All 3 versions](#)

## A hierarchical clustering **network** based on a model of olfactory processing

PA Shoemaker, CG Hutchens, SB Patil - Analog Integrated Circuits and Signal Processing, 1992 - Springer

... Naval Command, Control, and Ocean **Surveillance** Center, RDT&E ... has been estimated by **extrapolation** from high ... used in an analog neural **network** im- plementation [12 ...

[Cited by 8](#) - [Related articles](#) - [BL Direct](#) - [All 5 versions](#)

## [PDF] ► An Adaptive Time Window Algorithm for Large Scale **Network** Emulation

SR Kodukula, 2002 - Citeseer

Page 1. An Adaptive Time Window Algorithm for Large Scale **Network** Emulation ... Page

2. ii An Adaptive Time Window Algorithm for Large Scale **Network** Emulation ...

[View as HTML](#) - [All 5 versions](#)

... a composite image, eg a card with the face of a user inserted therein and for **surveillance**

...

I Thieme - US Patent App. 09/834,920, 2001 - Google Patents

... 27,2001 (54) SYSTEM AND METHOD FOR DIGITALLY EDITING A COMPOSITE IMAGE, EG A CARD WITH THE FACE OF A USER INSERTED THEREIN AND FOR **SURVEILLANCE** PURPOSES (76 ...

[All 2 versions](#)

## A Study of Line Overhead in the ARPANET- ► [llasa.ac.af](#) (PDF)

L Kleinrock, WE Naylor, H Opderbeck, 1976 - [portal.acm.org](#)

... ARPANET are presented and by **extrapolation** these measurements ... traffic, and thereby send a "**probe**" message to ... important than the wasted **network** bandwidth and ...

[Cited by 27](#) - [Related articles](#) - [All 3 versions](#)

## Airport Simulation Using CORBA and DIS

GRF de Stefani, F Heran, A Pasquarelli, T ... - High-performance computing and networking: 7th ..., 1999 - [books.google.com](#)

... The other functions of A-SMGCS (**Surveillance**, Control and ... can be used to initiate a new **extrapolation**. ... 3.2 CORBA **Network** Traffic Overhead The measurements were ...

[Related articles](#)

## On the impact of delay on real-time multiplayer games- ► [sejong.ac.kr](#) (PDF)

L Pantel, LC Wolf - ... of the 12th international workshop on **Network** and ..., 2002 - [portal.acm.org](#)

... **network** time protocol) or simple **probe**- based approaches ... restricted to participants in the national french **network**. ... dead-reckoning and an **extrapolation** of the ...

[Cited by 172](#) - [Related articles](#) - [All 10 versions](#)

## [PDF] ► Global routing instabilities during Code Red II and Nimda worm propagation

J Cowie, A Ogielski, B Premore, Y Yuan, 2001 - [xys.ccert.edu.cn](#)

... limited by the locations of **probe** points required ... aided by data collected by the **network** security community ... activity levels could be inferred by **extrapolation**. ...

[Cited by 43](#) - [Related articles](#) - [View as HTML](#) - [All 7 versions](#)

## MMIC package and interconnect test fixture

KR Phillips, DF Williams - US Patent 5,268,636, 1993 - Google Patents  
 ... head 12 is a commercially available **probe** head manufactured ... upon a conventional Automatic **Network** Analyzer (not ... coefficient and to **extrapolate** the performance ...  
[Cited by 3](#) - [Related articles](#) - [All 2 versions](#)

### Performance evaluation of multiple time scale TCP under self-similar traffic conditions-

► [psu.edu](#) [PDF]  
 K Park, T Tuan - ACM Transactions on Modeling and Computer ..., 2000 - portal.acm.org  
 ... Long-range dependence and self-similarity of aggregate traffic can be shown to persist at multiplexing points in the **network** as long as **connection** durations or ...  
[Cited by 26](#) - [Related articles](#) - [All 11 versions](#)

### The 2001 Benjamin Franklin medal in engineering presented to Bernard Widrow

K Abend - Journal of the Franklin Institute, 2002 - Elsevier  
 ... 4] summary, "Interpolation and **Extrapolation** of Stationary ... 4). A neural **network** may consist of multiple ... A neuron's **connection** topology with other neurons may ...  
[Cited by 1](#) - [Related articles](#) - [BL Direct](#) - [All 2 versions](#)

### [PDF] ► A high-gain monolithic D-band InP HEMT amplifier

CW Pobanz, M Matloubian, M Lui, HC Sun, M ... - IEEE Journal of Solid-State Circuits, 1999 - iroi.seu.edu.cn  
 ... The model was then used to **extrapolate** device -parameters up to ... 7. A 90–220-GHz **network** analyzer for on ... parameters and was calibrated to the **probe** tips using ...  
[Cited by 16](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 7 versions](#)

### Basic concepts of artificial neural networks (ANN) modeling in the application to ...

J Bourquin, H Schmidli, P van Hoogevest, H ... - Pharmaceutical Development and Technology, 1997 - informahealthcare.com  
 ... function (con- tained in the **connection's** weights), which ... **Extrapolation** outside this data space is usually ... most representa- tive associating **network** model is ...  
[Cited by 29](#) - [Related articles](#) - [BL Direct](#) - [All 4 versions](#)

### Context codes and the effect of noisy learning on a simplified hippocampal CA3 model

X Wu, RA Baxter, WB Levy - Biological Cybernetics, 1996 - Springer  
 ... generated in response to the single-pattern **probe** test is ... we know that a small leftward **extrapolation** of the ... at variable speeds in a neural **network** with delays ...  
[Cited by 42](#) - [Related articles](#) - [BL Direct](#) - [All 3 versions](#)

### [PDF] ► DMT-Rnet: An Internet-based infrastructure for distributed multidisciplinary investigations ...

EB Entin, D Serfaty, LR Elliott, SG Schiflett - Proceedings of the 6th International Command and ..., 2001 - dodcorp.org  
 ... findings with the most accurate **extrapolation** for performance ... Then **surveillance** assets would have to go ... Figure 1. Team Organization and Communication **Network** ...  
[Cited by 7](#) - [Related articles](#) - [View as HTML](#) - [All 5 versions](#)

### [PDF] ► Managing the Last Mile

CM Yuhas - IEEE Communications Magazine, 1997 - comsoc.org  
 ... the analogue characteristics of a system and **extrapolate** the per ... to think that anything to do with **surveillance** and maintenance are **Network** Layer or ...  
[Related articles](#) - [View as HTML](#) - [All 2 versions](#)

### [PDF] ► PennEyes: A binocular active vision system

BC Madden, UMC von Seelen - Technical Reports (CIS), 1995 - repository.upenn.edu  
 ... Unfortunately, as with the earlier **surveillance** lenses, transit ... methods in the C40 **network** without losing ... of the error signals by **extrapolating** the trajectory ...



[Cited by 10](#) - [Related articles](#) - [All 2 versions](#)

[PDF] ► [Applications of artificial neural networks to RF and microwave measurements](#)

JA Jargon, KC Gupta, DC DeGroot - International Journal of RF and Microwave Computer- ..., 2002 - boulder.nist.gov

... Figure 1. Artificial neural **network** architecture ... the reference plane shifted back to the **probe**-tips ... explored the use of ANN models for **extrapolation** outside the ...

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[PDF] ► [Monitoring and control of ATM networks using special cells](#)

TM Chen, SS Liu, D Wang, VK Samalam, MJ ... - IEEE Network, 1996 - Citeseer

... by monitoring cell delays per **connection**, as described ... may be measurable under normal **network** conditions to ... **Extrapolating** from these measured cell loss ratios ...

[Cited by 36](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 20 versions](#)

[Ground \*\*surveillance\*\* radar device, especially for airport use](#)

X Chazelle, B Maitre, B Augu - US Patent 5,495,249, 1996 - Google Patents

... 17-22, Bethke et al 'Anovelnear-range Radar **Network** for the Guidance and Control ... Agent, or Firm—Nixon & Vanderhye [57] ABSTRACT The **surveillance** radar device ...

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[PDF] ► [Predicting the performance of wide area data transfers](#)

S Vazhkudai, J Schopf, I Foster - Proceedings of the 16th International Parallel and ..., 2002 - Citeseer

... GridFTP end-to-end bandwidth and NWS **probe** bandwidth ... persistent storage (either disk or **network**) and restart ... techniques that will let us **extrapolate** data when ...

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AL Fairhall, GD Lewen, W Bialek, RR de ... - Nature, 2001 - columbia.edu

... is observed at the output of a **network**; however, recent ... normalization' model40 that has a conceptual **connection** to the ... to baseline, by a standard **probe** signal. ...

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[Intelligent area monitoring system](#)

DC Harrison - US Patent 5,517,429, 1996 - Google Patents

... to a particular sector of the area under **surveillance**. ... The neural **network** computer is able to determine ... known 40 positions, and then **extrapolating** between the ...

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[PDF] ► [Analysis on the Effectiveness of Clock Trace Termination Methods and Trace Lengths on a ...](#)

M Montrose - IEEE INTERNATIONAL SYMPOSIUM ON ..., 1996 - montrosecompliance.org

... the ground terminal of the **probe** had a ... series resistor was added to the **network** (dual termination ... **Extrapolating** this analysis to the frequency domain, with less ...

[Cited by 1](#) - [Related articles](#) - [BL Direct](#) - [All 4 versions](#)

[Crack Shape Monitoring Using AC Field Measurements](#)

DA Topp, WD Dover - Automated test methods for fracture and fatigue crack ..., 1985 - books.google.com

... multi-central process- ing unit (CPU) **network** [6] where ... can be cal- culated, knowing the **probe** spacing and ... The dashed-line **extrapolation** is interpreted as the ...

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F Measurements - Automated test methods for fracture and fatigue crack ..., 1985 - books.google.com

... multi-central process- ing unit (CPU) **network** [6] where ... can be cal- culated, knowing the **probe** spacing and ... The dashed-line **extrapolation** is interpreted as the ...

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PG Morasso, V Sanguineti, F Frisone, L ... - Neural Networks, 1998 - Elsevier

... In the TRN model, however, the lateral **connections** do not influence the **network** dynamics and there are different learning rules for the thalamo-cortical and ...

[Cited by 17](#) - [Related articles](#) - [BL Direct](#) - [All 8 versions](#)

[A Technique for Mapping Optimization Solutions into Hardware-](#) ► [psu.edu](#) (pdf)

TX Brown - Proceedings of the International Workshop on ..., 1995 - books.google.com

... n. Comparing the two noises, clearly the **network** is not ... But **extrapolating** we see that problems of size 20-30 ... with up to 64 neurons and **probe** these predictions. ...

[Related articles](#) - [All 4 versions](#)

[PDF] ► [The Future of Information Technology—an interdisciplinary, scenario-based approach](#)

K Bergner, B Deifel, C Jacobi, W Kellerer, A ... - Report of Tech. Univ. München, Institut für Informatik, ..., 2000 - Citeseer

... both companies constitute a static **network** based on ... may be seen as an **extrapolation** of the ... Global **Surveillance**: The increasing pervasion of everyday life with ...

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[PDF] ► [Investigating QoS Support for Traffic Mixes with the Media Worm Router](#)

KHYAV Chita, RDA Sivasubramaniam - Proceedings, Sixth International Symposium on High- ..., 2000 - cse.psu.edu

... design a larger router and a larger **network** using our ... sage wait until the header (or **probe**) reserves the ... Once such a path/**connection** has been established, an ...

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[Distributed AI and Cooperative Systems for Telecommunications](#)

R Weihmayer, H Velthuisen - ... : approaches to telecommunications and **network** ..., 1995 - books.google.com

... If circuits (point-to-point **connections**) between nodes in the **network** are broken, it becomes the task of these agents to restore circuits using alterna- tive ...

[Cited by 10](#) - [Related articles](#) - [All 2 versions](#)

[Tracking long-term growth of the NSFNET](#)

KC Claffy, HW Braun, GC Polyzos - Communications of the ACM, 1994 - portal.acm.org

... and with no plans for future **connection**, they sometimes ... from one end- point of the **network** to another ... **Probe** measurements occur five times at the beginning of ...

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[PDF] ► [Efficient and guaranteed service coverage in partitionable mobile ad hoc networks](#)

KH Wang, B Li - IEEE INFOCOM, 2002 - Citeseer

... To improve **network** connectivity, researchers have proposed many mobility prediction schemes [1 ... for the purpose of building more stable end-to-end **connections**. ...

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[PDF] ► [Tracking long-term growth of the NSFNET](#)

KC Clay, HW Braun, GC Polyzos - Communications of the ACM, 1994 - Citeseer

... **Probe** measurements occur ve timesat the beginningof every ... of these applications is critical to **network** service planning ... To open a telnet **connection** to a remote ...

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[PDF] ► [Implementation of a multi-process traffic simulator system](#)

RV Herwadkar, 1995 - dspace.mit.edu

... pairs, with each pair representing an upstream-downstream lane **connection**. ... The **surveillance** system is ... extract data on the traffic flow pattern in the **network**. ...

[All 2 versions](#)

## A situated evaluation of the Object Management Group's (OMG) Object Management ...-

► [psu.edu](#) [PDF]

E Wallace, KC Wallnau - ACM SIGPLAN Notices, 1996 - portal.acm.org

... **extrapolate** our experience to a broader class of ... performance to end-users who are otherwise accustomed to using computer services in local area **network** settings ...

[Cited by 13](#) - [Related articles](#) - [BL Direct](#) - [All 11 versions](#)

[PDF] ► MediaWorm: A QoS capable router architecture for clusters

KH Yum, EJ Kim, CR Das, AS Vaidya - IEEE Transactions on Parallel and Distributed Systems, 2002 - Citeseer

... a larger router and a larger **network** using our ... wait until the header or **probe** reserves the complete ... acknowledgment is sent back and the attempted **connection** is ...

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[PDF] ► Neuro-fuzzy modelling of heart rate signals and applications to diagnostics

JA Swope, N Kasabov, M Williams - Fuzzy Systems in Medicine, Physica Verlag, accepted, 1999 - aut.ac.nz

... (c) They interpolate and **extrapolate** well in ... our study utilises the fuzzy neural **network** (FuNN) architecture ... room, and they have a catheter **probe** inserted into ...

[Cited by 2](#) - [Related articles](#) - [View as HTML](#) - [All 5 versions](#)

## ASP modules: cost-effective building-blocks for real-time DSP systems

RM Lea - The Journal of VLSI Signal Processing, 1989 - Springer

... aerospace, mili- tary (eg, target **surveillance** and tracking ... of the inter-APE communications **network**, the LKL ... and assuming a programmable **connection** between the ...

[Cited by 23](#) - [Related articles](#)

## Method for tracking a target having substantially constrained movement

QB Nguyen, H Landau - US Patent 6,260,759, 2001 - Google Patents

... v o j h -- , ^X4 \* TRACK **EXTRAPOLATION** MEASUREMENT-TO ... may be obtained via video **surveillance**, intelligence reports ... correction of MTI to **network** according to ...

[Cited by 4](#) - [Related articles](#) - [All 6 versions](#)

## A contrast-and luminance-driven multiscale **network** model of brightness perception-

► [bu.edu](#) [PDF]

L Pessoa, E Mingolla, H Neumann - Vision Research, 1995 - Elsevier

... same time in order to best **probe** underlying mechanisms ... **NETWORK** MODEL OF BRIGHTNESS PERCEPTION 2215 (4 FIGURE ... of Figure 22 together with **extrapolation** produces a ...

[Cited by 129](#) - [Related articles](#) - [BL Direct](#) - [All 9 versions](#)

[PDF] ► Automated characterization of ceramic multi-layer capacitors

E Benabe, K Skowronski, T Weller, H Gordon, ... - ARFTG Conference Digest, 1998. Computer-Aided ..., 1998 - rfmicro.eng.usf.edu

... in the automated configuration a passive **probe** is used to ... setup includes an HP 8753D Vector **Network** Analyzer to ... the measured data points to **extrapolate** out to ...

[Cited by 1](#) - [Related articles](#) - [All 4 versions](#)

[PDF] ► Protecting free expression online with Freenet

I Clarke, SG Miller, TW Hong, O Sandberg, B ... - IEEE Internet Computing, 2002 - Citeseer

... to pervasive monitoring and **surveillance**, and various ... **Network** Evolution The **network** evolves over time as ... existing nodes create new **connections** after handling ...

[Cited by 361](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 86 versions](#)

DMT-RNet: An Internet-Based Infrastructure for Distributed Multidisciplinary Investigations ...

LR Elliott, EB Entin, D Serfaty, SG Schiflett, 2001 - Storming Media

... findings with the most accurate **extrapolation** for performance ... Then **surveillance** assets would have to go ... Figure 1. Team Organization and Communication **Network** ...[Related articles](#)[\[PDF\] ► NASA's broadband satellite networking research](#)

WD Ivancic, D Brooks, B Frantz, D Hoder, D ... - IEEE Communications Magazine, 1999 - CiteSeer

... ports as well as an OC3 optical ATM **connection**. ... This **network** involved a moving vessel at sea [Fig ... at sea, inclined orbit satellite), **extrapolation** of tracking ...Cited by 29 - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 8 versions](#)System and method for the detection of and reaction to computer hacker denial of service ...

RM Silverman - US Patent App. 09/945,172, 2001 - Google Patents

... of ISP 2) is an area with some **connections** to its ... can load into their systems and then **probe** for susceptible ... 49 are located in an organization's test **network** 50 ...[All 3 versions](#)Some problems in organizing metrological quality control and industrial product reliability

VF Bakhmutskii, II Dudich - Measurement Techniques, 1969 - Springer

... manufacturing enterprise, with subsequent **extrapolation** to the ... than those of government **surveillance** laboratories. ... With a sufficiently developed **network** of the ...[Related articles](#)Face recognition using hybrid classifiers- ► [etsmtl.ca](#) pdf

S Gutta, H Wechsler - Pattern recognition, 1997 - Elsevier

... x, I Eye Strip Detection I **Surveillance** I CBm ... **Network** ensembles are defined in terms of their specific ... make a decision on whether the **probe** ("input") belongs ...Cited by 31 - [Related articles](#) - [BL Direct](#) - [All 3 versions](#)

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SG Dykes, KA Robbins, CL Jeffery - IEEE INFOCOM, 2000 - Citeseer

... latency, and do not necessarily **extrapolate** to total ... METHODOLOGY The dynamic **probe** used in our ... Dynamic and hybrid algorithms include **network** communi- cation ...

[Cited by 121](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 17 versions](#)

[PDF] ► [The haptic museum](#)

ML McLaughlin, G Sukhatme, C Shahabi, J ... - Proceedings of the EVA 2000 Conference on Electronic ..., 2000 - infolab.usc.edu

... of predicting the next SCP by **extrapolating** the trajectory ... and allow two users to **probe** it simultaneously by transmitting model information over the **network**. ...

[Cited by 40](#) - [Related articles](#) - [View as HTML](#) - [All 2 versions](#)

[CITATION] [Algorithms for synthetic aperture radar imagery: 6-7 April 1994, Orlando, Florida](#)

DA Giglio, 1994 - Society of Photo Optical

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[CITATION] [Advanced signal processing algorithms, architectures, and implementations IV: 11-13 July ...](#)

FT Luk, 1993 - Society of Photo Optical

[PDF] ► [Effects of variations in neural \*\*network\*\* topology and output averaging on the ...](#)

CW Anderson - Journal of Intelligent Systems, 1997 - Citeseer

... In addition to servingas tools to **probe** the mind ... a neural **network** will over-t the training data ... it will not correctly interpolate and **extrapolate** the training ...

[Cited by 21](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 4 versions](#)

[CITATION] [Session IV](#)

N Approaches - International Workshop on Advance Issues of E- ..., 1999 - IEEE

[All 2 versions](#)

[Integrated \*\*network\*\* for monitoring remote objects](#)

DS Fernandez, IH Fernandez - US Patent App. 09/823,508, 2001 - Google Patents

... 0001] The invention relates to remote **surveillance** and communications technology, particularly to integrated fixed and mobile **network** electronics and related ...

[Cited by 8](#) - [Related articles](#) - [All 5 versions](#)

[CITATION] [Session: TH2C Scattering Parameter and Dielectric Measurements](#)

RB Marks - 1996 IEEE MTT-S International Microwave Symposium ..., 1996 - Institute of Electrical & Electronics Engineers (IEEE)

[Related articles](#)

[Secure and seamless wireless public domain wide area \*\*network\*\* and method of using the ...](#)

AC Spearman - US Patent App. 10/223,255, 2002 - Google Patents  
 ... vice private LANs and the need to **extrapolate** to wide ... **Probe** Request frames allow  
 an STA to actively scan ... a wireless public domain wide area **network**, using the ...

[All 2 versions](#)

[PDF] ► [Performance analysis of an RSVP-capable router](#)

T Chiueh, A Neogi, P Stirpe - IEEE Network, 1999 - CiteSeer

... during each refresh period for a given real-time **session**. ... We have to use **network**  
 sniers to accurately measure packet ... are daisy chained and the rst **probe** in the ...

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[PDF] ► [Global routing instabilities during Code Red II and Nimda worm propagation](#)

J Cowie, A Ogielski, B Premore, Y Yuan, 2001 - xys.ccert.edu.cn

... limited by the locations of **probe** points required ... aided by data collected by the  
**network** security community ... activity levels could be inferred by **extrapolation**. ...

[Cited by 43](#) - [Related articles](#) - [View as HTML](#) - [All 7 versions](#)

[CITATION] A PUBLICATION OF THE IEEE COMMUNICATIONS SOCIETY

VSCG Omidyar, IM Bauman, PABSE Aidarous, ... - COMMUNICATIONS, 1988

**Network** performance effects of HTTP/1.1, CSS1, and PNG- ► [psu.edu](#) [PDF]

HF Nielsen, J Gettys, A Baird-Smith, E Prud' ... - Proceedings of the ACM SIGCOMM'97 conference on ..., 1997  
 - portal.acm.org

... 111. Slow start uses the first several data packets to **probe** the **network**  
 to determine the optimal transmission rate. Again, because ...

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ML Artz, 2002 - dspace.mit.edu

Page 1. NetSPA: A **Network** Security Planning Architecture by ... 2.2 Protecting Against  
**Network** Attacks Numerous ways exist to protect against computer attacks. ...

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► [Intrusion and anomaly detection: ISOA update](#)

JR Winkler - National Computer Security Conference Proceedings, ..., 1992 - books.google.com

... rate measures, and perhaps **extrapolate** to produce ... analyze behavior in complex **network**  
 environments ... 1980." Computer Security Threat Monitoring and **Surveillance**". ...

[Cited by 22](#) - [Related articles](#)

[System architecture and edge tracking performance of an automated robotic deburring ...](#)

R Rajagopalan, RMH Cheng, VR Ayyadevara, ... - Intelligent Control, 1995., Proceedings of the 1995 ..., 1995 -  
 ieeexplore.ieee.org

... deburring robot and a hardware interface for the **probe**. ... by the PC-parallel processor  
**network**, based on ... reconstruct the surface probed and **extrapolate** to obtain ...

[Cited by 2](#) - [Related articles](#) - [All 4 versions](#)

[BOOK] [Network management and control](#)

IT Frisch, M Malek, M Malek-Zavareh, SS ..., 1994 - books.google.com

... for the future we tried to **extrapolate** from the ... The telephone **network** is essentially  
 under central control, is ... were set in the keynote and plenary **session** talks ...

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[A neural network approach for the detection of the locking position in RFX- ► psu.edu](#) [PDF]

O Barana, G Manduchi, A Serri, P Sonato - Fusion Engineering and Design, 2001 - Elsevier

... A neural **network** approach for the detection of ... in the information stored during

experimental **sessions**, each example ... As the external **probe** positioned at  $=0^\circ$  is ...

[Cited by 3](#) - [Related articles](#) - [BL Direct](#) - [All 5 versions](#)

#### [CITATION] UNIX: The cult

P Collinson - Proceedings of Usenix, 1986

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L Breslau, EW Knightly, S Shenker, I Stoica, ... - Proceedings of the conference on Applications, ..., 2000 - portal.acm.org

... In these designs, the end host 1 probes the **network** by sending **probe** packets at the data rate it would like to reserve and recording the resulting level of ...

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#### A survey of energy efficient **network** protocols for wireless networks- [►psu.edu](#) (PDF)

CE Jones, KM Sivalingam, P Agrawal, JC ... - Wireless Networks, 2001 - Springer

... and FEC error control methods waste **network** band- width ... The **probe** packet contains only a header with little ... the received pow- ers and **extrapolating** the values ...

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#### [PDF] [►](#) Estimating **Network** Traffic for TCP/IP Distributed Application Workload Modeling

S Nokes - CMG-CONFERENCE-, 1998 - cmg.org

... represent sterile and primitive **extrapolation**, whereas stochastic ... Figure 4 illustrates BMC's **network** response time analyzer, a software **probe** that provides a ...

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L Pantel, LC Wolf - ... of the 12th international workshop on Network and ..., 2002 - portal.acm.org

... **network** time protocol) or simple **probe**- based approaches ... restricted to participants in the national french **network**. ... dead-reckoning and an **extrapolation** of the ...

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SSNCT Anderson - The Seventh Workshop on Hot Topics in Operating ..., 1999 - doi.ieeecomputersociety.org

... or recovering from a loss, TCP continues to **probe** the ... most recent flow from the same server **network** to a ... In Figure 2 we artificially **extrapolate** the impact of ...

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... findings with the most accurate **extrapolation** for performance ... Then **surveillance** assets would have to go ... Figure 1. Team Organization and Communication **Network** ...

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M Sikkens - Optical Materials Technology for Energy Efficiency ..., 1985 - SPIE--the International Society for Optical Engineering

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T Gschwind, K Eshghi, PK Garg, K Wurster - 4th IEEE Int'l Workshop on Advanced Issues of E- ..., 2002 - doi.ieeecomputersociety.org

... Each sensor is a simple **probe** that monitors a ... VitalSigns has to **extrapolate network** de- lay from only ... defined concept of a "**session**." Finally, VitalSigns ...

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[CITATION] IEEE International Conference on Systems Engineering August 1-3, 1991

H Inn, O Fairbom - Systems Engineering, 1991

[PDF] ► [Identification and prioritization of environmentally beneficial intelligent transportation ...](#)  
S Shaheen, T Young, D Sperling, D Jordan, T ... - UC Davis ITS Research Rep. UCD-ITS-RR-98-1, Institute ..., 1998 - CiteSeer

... smoothed traffic flow. One such system, the Automated Traffic **Surveillance** and Control ( ATSAC) system in Los Angeles, reduced traffic ...

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S Edelman, HH Bulthoff, 1990 - dspace.mit.edu

... with a novel view, the CLF **network** can recognize ... Our next experiments were designed to **probe** the extent ... 5.2 Interpolation and **extrapolation**: Experiment IEO As ...

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CM Yuhas - IEEE Communications Magazine, 1997 - comsoc.org

... characteristics of a system and **extrapolate** the per ... that anything to do with **surveillance** and maintenance ... The **network** manage- ment industry needs to provide the ...

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KCC Chan, V Lee, H Leung - IEEE Transactions on Fuzzy Systems, 1997 - ipi.tel.uva.es

... target position is simply a linear **extrapolation** from the ... et al.: RADAR TRACKING FOR AIR **SURVEILLANCE** IN A ... conflict, an extra **session** with both defense experts ...

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D Bansal, H Balakrishnan - Proc. of Infocom, 2001 - CiteSeer

... well with TCP AIMD across a wide range of **network** conditions over a RED bottleneck gateway. ¶ TCP-friendliness vs. TCP compatibility. ...

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[Distributed AI and Cooperative Systems for Telecommunications](#)

R Weihmayer, H Velthuisen - ... : approaches to telecommunications and **network** ..., 1995 - books.google.com

... resolve conflicts between the preferences of users involved in a telecommunications **session**. ... The Intelligent **Network** (IN) is an architectural concept that will ...



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AL Fairhall, GD Lewen, W Bialek, RR de ... - Nature, 2001 - columbia.edu

... in retinal ganglion cells is observed at the output of a **network**; however, recent ... after some delay to allow a return to baseline, by a standard **probe** signal. ...

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[User selectable power cutback for off-hook events](#)

GK Harris - US Patent App. 09/742,317, 2000 - Google Patents

... eg a modem) with a built-in **Network** Interface Card ... and using the control panel during a POTs **session**, a user ... a fast retrain including a line **probe** to determine ...

[All 2 versions](#)

[PDF] ► [Scientific highlights of the XVIIIth General Assembly of URSI'](#)

FS Johnson - Radio Science, 1976 - agu.org

... A new '**extrapolation** ... **network** which is adequate for the convex surface may not be so for the ... methods. These utilized simple **probe** scanning, liquid crystals, ...

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[Pivots and structured play: stimulating creative user input in concept development](#)

T Urnes, A Weltzien, A Zanussi, S Engbakk, ... - Proceedings of the second Nordic conference on ..., 2002 - portal.acm.org

... PCs connected to the Internet, **surveillance** cameras, etc. ... by juxtaposing their views, thereby **extrapolating** a wide ... An always-on wireless **network** connection (eg ...

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[Metaspaces and Mobile Computing: Promises and Challenges-](#) ► [uvic.ca](#) [PDF]

EG Manning, S Khan, R Lea, GC Shoja, MMJ ... - ... and its applications: international conference, WWCA ..., 1997 - books.google.com

... 3 Promises Communication **Extrapolating** from our patterns ... the quick deployment of **surveillance** and security ... leads to expensive **network** management: maintaining ...

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[Current and future development in neural computation in steel processing](#)

M Schiang, B Lang, T Poppe, T Runkler, K ... - Control Engineering Practice, 2001 - Elsevier

... analytic structure, they provide a good **extrapolation** from the ... Therefore, a neural **network** is trained as an ... is a routine standard for the **surveillance** of the ...

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... connected by a lo- cal area **network**. ... **Surveillance**, control, guidance, and planning: These functions are ... algorithms are used to **extrapolate** entity states. ...

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R Collins, A Lipton, T Kanade, H Fujiyoshi, D ... - Proc. American Nuclear Society (ANS) Eighth ..., 1999 -

Citeseer

... can be integrated into the VSAM **network** (via computation ... testbed sensor suite, to perform **surveillance** operations such ... at specific areas in the **session** space. ...

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[PDF] ► [Mixture of experts for classification of gender, ethnic origin, and pose of human faces](#)

S Gutta, JRJ Huang, P Jonathon, H Wechsler - IEEE Transactions on Neural Networks, 2000 - gpa.elsevier.com

... **Network** ensembles are defined in terms of their ... on a particular class then that **probe** belongs to ... several positions and interpolating/**extrapolating** amongst them ...

[Cited by 80](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 5 versions](#)

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AJ Sellen - Proceedings of the SIGCHI conference on Human ... , 1992 - portal.acm.org

... In other words, the switching **network** ensures that if ... With this in mind, and by **extrapolating** from the ... black and white Radio Shack **surveillance** cameras, and ...

[Cited by 193](#) - [Related articles](#) - [BL Direct](#) - [All 8 versions](#)

[Method and apparatus for automated service level agreements](#)

S Varsano - US Patent App. 10/035,806, 2001 - Google Patents

... monitor. The **network** probes generate large volumes of data that can easily exceed the memory capacity of a **network probe**. Therefore ...

[All 4 versions](#)

[PDF] ► [Reflective modular neural \*\*network\*\* systems](#)

FJ Smieja, H Muhlenbein - Retrieved from neuroprose electronic archive at archive. ... , 1992 - Citeseer

... Such responses by the **network** are only to be expected, when one considers what in fact the **network** learns during its training **session** 11]. ...

[Cited by 33](#) - [Related articles](#) - [View as HTML](#) - [All 8 versions](#)

[Multi-applicator hyperthermia system description using scattering parameters](#)

P Raskmark, T Larsen, SN Hornsleth - International Journal of Hyperthermia, 1994 - informahealthcare.com

... Therefore care should be taken in **extrapolating** these results to ... using a scanning E-field **probe** (Gross and ... a balun is included in the applicator feed **network**. ...

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[PS] ► [Architectures for Distributed Interactive Simulation](#)

R Little - Advances in Modelling and Simulation Conference, ... , 1994 - sei.cmu.edu

... reckoning algorithms are also used to **extrapolate** the state ... be thought of as a logical **network**, but in ... visual stealth components perform **surveillance** of the ...

[Cited by 3](#) - [Related articles](#) - [View as HTML](#)

[PDF] ► [An artificial immune system architecture for computer security applications](#)

PK Harmer, PD Williams, GH Gunsch, GB ... - IEEE Transactions on Evolutionary Computation, 2002 - Citeseer

... Abstract—With increased global interconnectivity, reliance on e-commerce, **network** services, and Internet communication, computer security has become a ...

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[3-D Voxel-Based Bio-Heat Transfer Code](#)

D Nelson, AR Curran, E Marttila, P Rynes, J ... , 2001 - Storing Media

... **Extrapolation** of experimental results from animal models to humans is further complicated by ... tissue.txt file) and produce a thermal nodal **network**, based on ...

[Empirical evaluation of software maintenance technologies-](#) ► [psu.edu](#) [PDF]

F Lanubile - Empirical Software Engineering, 1997 - Springer

... theory has survived another **probe**, and thus ... Type of Empirical Evidence **Extrapolation**

(Harrison, 1996 ... 96-13, International Software Engineering Research **Network**. ...

[Cited by 11](#) - [Related articles](#) - [All 11 versions](#)

Lag as a determinant of human performance in interactive systems- ► [psu.edu](#) (pdf)

IS Mackenzie, C Ware - Proceedings of the INTERACT'93 and CHI'93 ..., 1993 - [portal.acm.org](#)

... Communication modes, **network** configurations ... target space until the **probe** is within the target, similar ... Although we must be cautious in **extrapolating** beyond the ...

[Cited by 178](#) - [Related articles](#) - [All 6 versions](#)

Rocky Mountain Simulation Council meeting

BOB WIENEKE - SIMULATION, 1966 - [sim.sagepub.com](#)

... meeting on August 22 and 23. There were two **sessions**, Biomedical applications of real-time computers and Biomedical modeling. ...

[All 2 versions](#)

A situated evaluation of the Object Management Group's (OMG) Object Management ...-

► [psu.edu](#) (pdf)

E Wallace, KC Wallnau - ACM SIGPLAN Notices, 1996 - [portal.acm.org](#)

... **extrapolate** our experience to a broader class of ... kinds of data related in a complex **network** of aggregation ... of object instances to persist beyond user **sessions**. ...

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[PDF] ► Touch in immersive environments

G Sukhatme, J Hespanha, M McLaughlin, C ... - Proceedings of the EVA 2000 Conference on Electronic ..., 2000 - CiteSeer

... pitch, roll, and yaw of the virtual **probe** as it ... the art object over the Internet or other **network**. ... of predicting the next SCP by **extrapolating** the trajectory ...

[Cited by 5](#) - [Related articles](#) - [View as HTML](#) - [All 3 versions](#)

Japan International SAMPE Symposium and Exhibition. Multimedia Information Highway' ...

SR LeClair, 1995 - Storming Media

... necessary computational efficiencies to **extrapolate** results to ... investigate how the different **network** options such ... the other in automating **probe** path generation ...

[All 2 versions](#)

Haptic rendering in virtual environments- ► [psu.edu](#) (pdf)

C Basdogan, MA Srinivasan - ... of virtual environments: Design, implementation, and ..., 2002 - [books.google.com](#)

... 1 kHz, a numerical scheme can be developed to **extrapolate** the new ... in a direction opposite to the **probe** motion, while ... to each other through a **network** of springs ...

[Cited by 79](#) - [Related articles](#) - [All 19 versions](#)

A QoS engineering architecture for the next-generation-Internet- ► [infoede.net](#) (pdf)

G Meempat, L Kant - ... Communications and Networks, 1998. Proceedings. 7th ..., 1998 - [doi.ieeecomputersociety.org](#)

... in the overall traffic engineering of the **network**. ... time units, a special-purpose **probe** (scanner) is ... from measurements, a mathematical **extrapolation** may be ...

[Cited by 1](#) - [Related articles](#) - [All 5 versions](#)

SYNBAD: A Distributed Interactive Simulation (DIS) Environment for C3I Capability ...

AF Sisti, KC Trott, 1996 - Storming Media

... or wide area **network**, connecting various ... acceleration vectors that support the **extrapolation**. ... of Command, Control, Communications, **Surveillance** and Intelligence ...

[Cited by 1](#) - [Related articles](#) - [All 3 versions](#)

[\[PDF\] ► Exploiting Reality with Multicast](#)MR Macedonia, MJ Zyda, DR Pratt, DP ... - IEEE CG & A, 1995 - [wiki.arl.wustl.edu](#)... strictly **extrapolate** the Simnet and DE experience (or any of the small- scale ... The **network** takes over this requirement. ... both and participates in each **session**. ...[Cited by 2](#) - [Related articles](#) - [View as HTML](#)[Exploiting Reality with Multicast Groups](#)R Michael, J Michael, R David, P Donald, T ... - IEEE Computer Graphics and Applications, 1995 - [doi.ieeecomputersociety.org](#)... it is inappropriate to strictly **extrapolate** the Simnet ... a system like JSTARS (Joint **Surveillance** Target Attack ... we did not directly consider **network** topology in ...[Related articles](#) - [All 2 versions](#)[What the Warfighter Should Know About Space. A Report on US Space Command Joint ...](#)GE Slaven, 1997 - [Storming Media](#)... communications, navigation, and enemy satellite **surveillance** capabilities are traditional ... of the Defense Satellite Communications System (DSCS) **network**, and ...[Cited by 1](#) - [Related articles](#) - [All 3 versions](#)[\[CITATION\] Congestion Abatement in ITS Through Centralized Route Allocation](#)

DC Gazis - Journal of Intelligent Transportation Systems, 1995 - Taylor &amp; Francis

[Cited by 1](#) - [Related articles](#) - [BL Direct](#) - [All 2 versions](#)[The emperor has no clothes: what HPC users need to say and HPC vendors need to hear](#)CM Pancake - Proceedings of the 1995 ACM/IEEE conference on ..., 1995 - [portal.acm.org](#)... a numerical model which can **extrapolate** the atmospheric ... and more sophisticated and reliable **network** capability, such ... Control and Ocean **Surveillance** Center, a ...[Cited by 2](#) - [Related articles](#) - [All 6 versions](#)[Fourth World Ultrasound Congress](#)DO Cosgrove - Journal of Medical Engineering & Technology, 1980 - [informahealthcare.com](#)... In the scientific **sessions** there was an enormous number of papers covering ... Results using an oesophageal **probe** were presented as well as greatly improved images ...[All 3 versions](#)[Artificial Intelligence Approach to Road Traffic Control \(\\*\)](#)G Ambrosino, M Bielli, M Boero - Artificial Intelligence Applications To Traffic ..., 1994 - [books.google.com](#)... tasks during the normal **surveillance** and control ... of traffic situation on the **network** is implemented ... best fitting historic trend -**extrapolation** of qualitative ...[Cited by 6](#) - [Related articles](#)[SIMD machines: do they have a significant future?- ► \[computer.org\]\(#\) \[rxn\]](#)B Parhami - ACM SIGARCH Computer Architecture News, 1995 - [portal.acm.org](#)... in aircraft early warning radar **surveillance** and command ... of parallel systems through a **network** with unpredictable ... But, based on cautious **extrapolation**, even a ...[Cited by 16](#) - [Related articles](#) - [BL Direct](#) - [All 3 versions](#)[\[PDF\] ► Multimedia Applications and \*\*Network\*\* Management Support in Video DialTone ATM \*\*Network\*\*](#)D Van Tran, 1994 - [dspace.mit.edu](#)... Video **Surveillance**. Live video images accessible from any remote locations. 16 Page 14. With the current Video Dial Tone **network** architecture, applications ...[Related articles](#) - [All 2 versions](#)

[\[PDF\] ► Evaluation and validation of computer vision algorithms](#)

R Haralick, R Klette, HS Stiehl, M Viergever, 1998 - tcs.auckland.ac.nz

... of projects for vision-based **surveillance**, non-contact ... We analyzed the newly proposed **extrapolation** case and ... University & Bell Atlantic **Network** Systems, White ...[Cited by 7](#) - [Related articles](#) - [View as HTML](#) - [All 2 versions](#)[Tools for building knowledge-based tutors](#)

B Woolf - Journal of Computing in Higher Education, 1990 - Springer

... doesn't exhibit enough knowledge on the **probe**. ... Figure 8: Discourse ACTion Transition **Network**: DACTN. ... for teaching and learning based on **extrapolation** from the ...[Cited by 1](#) - [Related articles](#)[A study of communication delays for web transactions](#)

B Bhargava - Cluster Computing, 2001 - Springer

... to the replication control and **surveillance** control proto ... and the link is the final **network** link before ... new **sessions** versus reusing the **session**; • SSL version ...[Cited by 3](#) - [Related articles](#) - [BL Direct](#) - [All 3 versions](#)[International RILEM Workshop on Life Prediction and Aging Management of Concrete ...](#)

DJ Naus, MW Johnston - Materials and Structures, 2001 - Springer

... design and redesign methods, **surveillance**, inspection/testing ... seawater is related to **extrapolation** of measured ... tional professional engineering **network** that aims ...[Cited by 2](#) - [Related articles](#) - [BL Direct](#) - [All 6 versions](#)[\[PS\] ► Flow Adaptation and Bandwidth Control for IP-over-ATM](#)

KAMON LEE, 1997 - cs.cmu.edu

... flow can be protected from other gateway traffic or cross-traffic in the ATM **network**. ... course of a **session**, the flow rate might also be time-varying in response ...[Cited by 1](#) - [Related articles](#) - [View as HTML](#) - [All 2 versions](#)[\[PDF\] ► Agent-Oriented Methodologies—Towards A Challenge Exemplar](#)

E Yu, LM Cysneiros - CEUR Workshop Proceedings, 2002 - Citeseer

... a list of questions that **probe** the capabilities and ... in other domains by analogy or **extrapolation**. ... v security and authentication v **network**-based communication v ...[Cited by 20](#) - [Related articles](#) - [View as HTML](#) - [All 19 versions](#)[MBEC news](#)

L Goodman - Medical and Biological Engineering and Computing, 1978 - Springer

... The **sessions** on physiological measurement and electrophysiology were deservedly popular ... of tissue properties and the difficulties of **extrapolation** from animals ...[Related articles](#)[\[PDF\] ► The performance of clustering techniques for scalable Web servers](#)

L Zhang, 2002 - Citeseer

... works well over a wide range of load distributions and **network** configurations is difficult. ... 6.2.1 OSI Reference Model and TCP/IP **Network** Model ...[Cited by 3](#) - [Related articles](#) - [View as HTML](#) - [All 4 versions](#)[Wavelet Analysis: Applications in Industry](#)

M Kobayashi - Wavelet Analysis and Multiresolution Methods, 2000 - books.google.com

... image and video signal compression) may have been filed 2IBM Intellectual Property **Network**: <http://www...> SYSID'97, **Session**: Identification through Wavelet, 1997 ...[Related articles](#) - [BL Direct](#) - [All 2 versions](#)

[\[PDF\] ► Qbism: Extending a dbms to support 3d medical images](#)

M Arya, W Cody, C Faloutsos, J Richardson, ... - International Conference on Data Engineering, 1994 - cs.cmu.edu

... The following scenario illustrates a sample **session** with such a system in which each step generates a database query: • The medical researcher may start by ...

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J Biglin - IEEE ASSP MAGAZINE, 1988

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AS Kayhan, A El-Jaroudi, LF Chaparro - IEEE Transactions on Signal Processing, 1995 - IEEE INSTITUTE OF ELECTRICAL AND ELECTRONICS

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V Krebs - Release, 1996 - orgnet.com

... allows the interactive manipulation of organizational scenarios and **network** analysis ... These feedback **sessions** usually involve a few printed diagrams that show ...

[Cited by 26](#) - [Related articles](#) - [View as HTML](#) - [All 5 versions](#)

[Exploring a Theory Describing the Physics of Information Systems, Characterizing the ...](#)

SY Harmon, 2001 - Storming Media

... a patent pending in the market-driven filtering of **network** communications. ... has published extensively and chaired and organized conference **sessions** and symposia ...

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[System and method for the detection of and reaction to computer hacker denial of service ...](#)

RM Silverman - US Patent App. 09/945,172, 2001 - Google Patents

... contains scripts which hackers can load into their systems and then **probe** for susceptible ... Windows systems 44-49 are located in an organization's test **network** 50 ...

[All 3 versions](#)

[Developments in Flotation Control: One Part Evolution, Two Parts Revolution](#)

JA Herbst, WT Pate - Advances in Flotation Technology, 1999 - books.google.com

... An attempt is made to **extrapolate** developments in each of ... U tube/load/DP cell Capacitance **probe**, DP cell ... between levels on a computer **network**, including basic ...

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[\[PDF\] ► Effective remote modeling in large-scale distributed simulation and visualization ...](#)

SK Singhal, 1996 - reports.stanford.edu

... 73 4.4.5 Uniformly High **Network** Latency . . . . . 35 3.1 Adaptive Algorithms for **Extrapolation** and Convergence . . . . .

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[\[BOOK\] Supporting service level agreements on IP networks- ►psu.edu \[PDF\]](#)

D Verma, 1999 - books.google.com

... This book offers **network** architects, engineers, and managers of Internet and other packet networks critical insight into this new technology. ...

[Cited by 172](#) - [Related articles](#) - [All 13 versions](#)

[Coordinate-free sensorimotor processing: computing with population codes- ►unige.it \[PDF\]](#)

PG Morasso, V Sanguineti, F Frisone, L ... - Neural Networks, 1998 - Elsevier

... The next **session** addresses some topics of biological plausibility for this class of models ... the development of a (large) family of self-organizing **network** models ...  
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K Ziegler Jr - IBM System Journal, 1979 - Citeseer

... **session** with a specific service. The request is routed to the appropriate service only when needed. The data port is simply a way into the **network** used for ...

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[PS] ► [Corelite: a quality of service architecture for wireline and wireless networks](#)

T KIM, 2002 - [historical.nostrl.org](#)

... in a multicast **session** 80 7.43 Evolution of the fair share with different epoch sizes . .  
 . . . 81 7.44 Corelite performance in a large **network** . . .

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[Detecting faces in images: A survey-](#) ► [psu.edu](#) [PDF]

MH Yang, DJ Kriegman, N Ahuja - IEEE Transactions on Pattern Analysis and Machine ... , 2002 - [doi.ieeecomputersociety.org](#)

... identification compares an input image (**probe**) against a ... classifiers must be able to **extrapolate** from a ... grouping is then evaluated using a Bayesian **network**. ...

[Cited by 1725](#) - [Related articles](#) - [BL Direct](#) - [All 47 versions](#)

[Method and apparatus for real-time ionospheric mapping and dynamic forecasting](#)

JW Ballard, JM Goodman, RA Sasselli - US Patent 5,943,629, 1999 - Google Patents

... The Digital Ionospheric Sounding System **Network** of the US ... Networks and Stations, Proceedings of **Session G6** at ... DATA BASE ~755 SPATIAL **EXTRAPOLATION** METHODS -756 ...

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R Mahajan, D Wetherall, T Anderson - Proceedings of the 2002 conference on Applications, ... , 2002 - [portal.acm.org](#)

... space; and iii) propagating prefixes meant to stay inside a private **network**. ... impact of misconfigurations on connectivity, we also actively **probe** the Internet ...

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N GARNIER - Reliability data bases: proceedings of the Ispra course, ... , 1987 - [books.google.com](#)

... from the same manufacture are installed in the **network**. ... equipment quality is estimated by **extrapolating** the results ... NO 238 PBIS R 16H 88if **SESSION 17 PERIODS** ...

[PDF] ► [Toward an experimental method for algorithm simulation](#)

CC McGeoch - INFORMS Journal on Computing, 1996 - [akira.ruc.dk](#)

... box of the simulation program and **probe** its internal ... provides a much safer basis for **extrapolation** beyond the ... their ideas using algorithms for **network** flows. ...

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...

JW Roberts, JA Ward - Flat Panel Display Technology and Display Metrology: ... , 1999 - Citeseer

... DIT is deliberately being used as a **probe** into the ... interface, parallel and serial ports, **network** connection, etc ... allow some form of **extrapolation** to performance ...

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[On Building a Scalable Real-Time Fault-Tolerant System for Embedded Applications](#)

T Abdelzaher, S Dawson, WC Feng, F ..., 2001 - Storming Media  
... Controlled GEneration of **Network** Traffic 23 8 ... Optimization Trajectory **Extrapolation**  
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E Oztop, MA Arbib - Biological cybernetics, 2002 - Springer  
... new neurophysiological experiments to further **probe** the monkey ... in detail the neural  
**network** structure of ... that the observed trajectory will **extrapolate** to match ...  
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network (surveillance OR probe) ext

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